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,	AP 40				Application Number	10/661,103	
<u>/</u> <	<i>[</i>	INFORMATION			Confirmation Number	6566	
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	We 3 0 5000 55	Form PTO-14			First Named Inventor	Parminder Singh	
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	Sheet	1 .	of	17	Attorney Docket No.	68009-8008.US03 (0008.22)	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1.	2,579,403		Slomowitz, et al.	12/18/1951		
	2.	2,561,071		Prisk	7/17/1951		
	3	3,150,977.		Hart, et al.	9/29/1964		
	4.	3,689,439		Field, et al.	9/5/1972		
	5.	3,721,657		Seiderman	3/20/1973		
	6.	3,749,755		Bronstart, et al	7/31/1973		
	7.	3,852,228		Brothers	12/3/1974		
	8.	3,957,605		Assarsson, et al.	5/18/1976		
	9.	3,993,551		Assarsson, et al.	11/23/1976		
	10.	3,996,934		Zaffaroni	12/14/1976		
	11.	4,091,090		Sipos	5/23/1978		
	12.	4,093,673		Chang, et al.	6/6/1978		
	13.	4,160,020		Ayer, et al.	7/3/1979		
	14.	4,277,580		Allen, et al.	7/7/1981		
	15.	4,325,851		Colon, et al.	4/20/1982		
	16.	4,346,709		Schmitt, et sl.	8/31/1982		
	17.	4,492,685	ļ	Keith, et al.	1/8/85		
	18.	4,529,601		Broberg, et al.	7/16/1985		
	19.	4,557,934		Cooper	12/10/1985		

EXAMINER		DATE CONSIDERED				
	/Isis Ghali/	12/08/2010				
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considered. Include copy of this form with next communication to application(s).						
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	•			Application Number	10/661,103
		I DISCLOSURE		Confirmation Number	6566
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		149 (Modified)		First Named Inventor	Parminder Singh
	(Use several she	eets if necessary	)	Group Art Unit	1611
				Examiner Name	Isis A D Ghali
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	20.	4,562,060		Broberg, et al.	12/31/1985		
	21.	4,568,343		Leeper, et al.	2/4/1986		
	22.	4,593,053		Jevne, et al.	6/3/1986		
	23.	4,624,665		Nuwayser	11/25/1986		
	24.	4,699,146		Sieverding	10/13/1987		
	25.	4,713,243		Schiraldi, et al.	12/15/1987	-	
	26.	4,743,249		Loveland	5/10/1988		
	27.	4,750,482		Sieverding	6/14/1988		
	28.	4,771,105		Shirai, et al.	9/13/1988		
	29.	4,849,224		Chang, et al.	7/18/1989		
	30	4,863,738		Taskovich	9/5/1989		
	31.	4,863,970		Patel, et al.	9/5/1989	,	
	32.	4,871,536		Arraudeau, et al.	10/3/1989		
	33.	4,873,299		Nawakowsky, et al.	10/10/1989		
	34.	4,877,628		Stypula	10/31/1989		
	35.	4,906,169		Chien, et al.	3/6/1990		
	36.	4,927,408		Haak, et al.	5/22/1990		
	37.	4,945,084		Packman	7/31/1990		
	38.	4,973,468		Chiang, et al.	11/27/1990		

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				Application Number	10/661,103		
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		149 (Modified)	_	First Named Inventor	Parminder Singh		
	(Use several she	ets if necessary	)	Group Art Unit	1611		
				Examiner Name	Isis A D Ghali		
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	39.	4,983,395		Chang, et al.	1/8/1991		
-	40.	5,023,084		Chien, et al.	6/11/1991		
	41.	5,053,227		Chiang, et al.	10/1/1991		
	42.	5,057,500		Thornfelt	10/15/1991		
	43.	5,073,381		Ivan, et al.	12/17/1991		
	44.	5,102,662		Gallagher	4/7/1992		
	45.	5,125,894		Phipps, et al.	6/30/1992		
	46.	5,133,970		Petereit, et al.	7/28/92		
	47.	5,141,750		Lee, et al.	8/25/1992		
	48.	5,173,302		Holmblad, et al.	12/22/1992		
	49.	5,183,901		Login, et al.	2/2/1993		
<u>-</u> .	50.	5,196,405		Packman	3/23/1993		
	51.	5,200,190		Azuma, et al.	4/6/1993		
	52.	5,206,385		Login, et al.	4/27/1993		
	53.	5,232,702		Pfister, et al.	8/3/1993		
	54.	5,234,690	-	Chiang, et al.	8/10/1993		
	55.	5,234,957		Manteile	8/10/1993		
	56.	5,240,995		Gyory, et al.	8/31/1993		
	57.	5,224,928		Sibalis, et al.	7/6/1993		

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· R<del>eceipt date: 08/30/2010</del> COMPLETE IF KNOWN 10/661,103 **Application Number** INFORMATION DISCLOSURE 6566 **Confirmation Number** STATEMENT BY APPLICANT 9/12/2003 Filing Date Form PTO-1449 (Modified) First Named Inventor Parminder Singh (Use several sheets if necessary) 1611 Group Art Unit

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Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
_	58.	5,254,346		Tucker, et al.	10/19/1994	
	59.	5,270,358		Asmus	12/14/1993	
	60.	5,276,079		Duan, et al.	1/14/1994	
	61.	5,296,512		Beier, et al.	3/22/94	
	62.	5,300,291		Sablotsky, et al.	4/5/1991	
	63.	5,322,689		Hughes, et al.	6/21/1994	
	64.	5,332,576		Mantelle	7/26/1994	
	65.	5,342,623		Enscore, et al.	8/30/1994	
	66.	5,344,394		Gyory, et al.	9/6/1994	
	67.	5,354,823		Tseng, et al.	10/11/1994	
	68.	5,376,377		Gale, et al.	12/27/1994	
	69.	5,422,119		Casper	6/6/1995	
	70.	5,446,070		Mantelle	8/29/1995	
	71.	5,462,743		Turner, et al.	10/31/1995	
	72.	5,462,745		Enscore, et al.	10/31/1995	
	73.	5,492,943		Stempel	2/20/1996	
	74.	5,508,024		Tranner	4/16/1996	
	75.	5,508,367		Zajaczkowski	4/16/1996	
	76.	5,543,148		Lapidus	8/6/1996	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

considered. Include copy of this form with next communication to application(s).

EXAMINER	/Isis Ghali/	DATE CONSIDERE	12/08/2010
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1		449 (Modified)		First Named Inventor	Parminder Singh	
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or A	Application Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	77.	5,563,153		Mueller, et al.	10/8/1996		
·	78.	5,593,686		Kissel, et al.	1/14/1997		
	79.	5,614,178		Bloon, et al.	3/25/1997	·	
	80.	5,631,267		Gliech, et al.	5/20/1997		
	81.	5,633,010		Chen	5/27/1997		
	82.	5,641,504		Lee, et al.	6/24/1997		
<u></u> .	83.	5,641,507		DeVillez	6/24/1997		
	84.	5,645,062	<u> </u>	Anderson, et al.	7/8/1997		
	85.	5,645,855		Lorenz	7/8/1997		
	86.	5,656,286	ļ	Miranda, et al.	8/12/1997		
	87.	5,660,178		Kantner, et al.	8/26/1997		
	88.	5,674,561		Dietz, et al.	10/7/1997		
	89.	5,662,925		Ebert, et al.	9/2/1997		
	90.	5,663,010		Stocchiero	9/2/1997		
	91.	5,700,478		Biegajski, et al.	12/23/1997		
	92.	5,718,886		Pellico	2/17/98		
	93.	5,723,145		Shikinami, et al.	3/3/1998		
	94.	5,725,876	<b>_</b>	Mantelle, et al.	3/10/1998		
	95.	5,726,250		Zajaczkowski	3/10/1998		

EXAMINER	/Isis Ghali/	12/08/2010			
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).					

COMPLETE IF KNOWN 3 - GAU: 1611 Receipt date: 08/30/2010 10/661,103 **Application Number** INFORMATION DISCLOSURE 6566 **Confirmation Number** STATEMENT BY APPLICANT 9/12/2003 Filing Date Form PTO-1449 (Modified) Parminder Singh First Named Inventor (Use several sheets if necessary) 1611 Group Art Unit Isis A D Ghali **Examiner Name** 

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	_			U.S. PATENT DOC	UMENTS	
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	96.	5,730,999		Lehmann, et al.	3/24/1998	
	97.	6,783,769		Arth, et al.	8/31/2004	
	98.	5,744,155		Freidman, et al.	4/28/1998	
	99.	5,762,956		Chien	6/9/1998	
	100.	5,770,220		Meconi, et al.	6/23/1998	
	101.	5,773,490		Shikinami, et al.	6/30/1998	
	102.	5,780,050		Jain, et al.	7/14/1997	
	103.	5,785,976		Westesen, et al.	7/28/1998	· · · · · · · · · · · · · · · · · · ·
	104.	5,788,983		Chien, et al.	8/4/1998	
	105.	5,804,611		Takoh, et al.	9/9/1998	
	106.	5,827,525		Liao, et al.	10/27/1998	
	107.	5,830,932		Kay	11/3/1998	
	108.	5,837,713		Gliech, et al.	11/17/1998	
	109.	5,846,558		Nielsen, et al.	12/8/1998	
	110.	5,851,549		Svec	12/22/1998	
	111.	5,853,755		Foldvari	12/29/1998	
· · · · · · · · · · · · · · · · · · ·	112.	5,858,410		Muller, et al.	1/12/1999	
	113.	5,863,662		Hornby, et al.	1/26/1999	
	114.	5,876,746		Jona, et al.	3/2/1999	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

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				Application Number	10/661,103
	INFORMATION			Confirmation Number	6566
	STATEMENT B	BY APPLICANT		Filing Date	9/12/2003
		149 (Modified)		First Named Inventor	Parminder Singh
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				Examiner Name	Isis A D Ghali
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U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	115.	5,900,249		Smith	5/4/1999		
	116.	5,902,598		Chen, et al.	5/11/1999		
	117.	5,911,980		Samour, et al.	6/15/1999		
	118.	5,912,271		Brodine, et al.	6/15/1999		
<u></u> .	119.	5,916,587		Min, et al.	1/29/1999		
<del></del>	120.	5,942,543		Ernst	8/24/1999		
	121.	5,945,032		Breitenbach, et al.	8/31/1999		
	122.	5,948,416		Wagner, et al.	9/7/1999		
<u></u>	123.	5,948,430		Zerbe, et al.	9/7/1999		
	124.	5,948,433		Burton, et al.	9/7/1999		
	125.	5,958,379		Regenold, et al.	9/28/1999		
	126.	5,958,446		Miranda, et al.	9/28/1999		
	127.	5,962,011		DeVillez	10/5/1999		
	128.	5,972,377		Jona, et al.	10/26/1999		
	129.	5,976,565		Fotinos	11/2/1999		
	130.	5,985,311		Cordes, et al.	11/16/1999		
	131.	5,985,860		Торро	11/16/1999		
	132.	5,985,990		Kantner, et al.	11/16/1999		
	133.	5,989,569		Dirksing, et al.	11/23/1999		

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered whether or not criteria is in conform	mance with MPEP 609. Draw line through citation if not in conformance and not

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	INFORMATION			Confirmation Number	6566	
	STATEMENT B	BY APPLICANT		Filing Date	9/12/2003	
		149 (Modified)	•	First Named Inventor	Parminder Singh	
	(Use several she	ets if necessary	)	Group Art Unit	1611	
				Examiner Name	Isis A D Ghali	
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				U.S. PATENT DOC	UMENTS	
Examiner Initials*	Cite No.	U.S. Patent or A	pplication Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	134.	5,990,179		Gyori, et al.	11/23/1999	
	135.	5,993,836		Castillo	11/30/1999	
	136.	5,993,849		Assmus, et al.	11/30/1999	
	137.	5,997,886		Peffly, et al.	12/7/1999	
	138.	6,004,566		Freidman, et al.	12/21/1999	
	139.	6,004,578		Lee, et al.	12/21/1999	
	140.	6,007,837		Enscore, et al.	12/28/1999	
	141.	6,024,976		Miranda, et al.	2/15/2000	
	142.	6,045,811		Dirksing, et al.	4/4/2000	
	143.	6,051,609		Miranda, et al.	4/18/2000	
	144.	6,063,399		Assmus, et al.	5/16/2000	
	145.	6,068,650		Hofmann, et al.	5/30/2000	
	146.	6,075,626		Mizutani, et al.	6/13/2000	
	147.	6,093,328		Santina	7/25/2000	
	148.	6,096,328		Sageletal	8/1/2000	
	149.	6,135,126		Joshi	10/24/2000	
	150.	6,142,939		Eppstein, et al.	11/7/2000	
	151.	6,153,215		Samuelsen, et al.	11/28/2000	
	152.	6,162,456		Dunbar, et al.	12/19/2000	

EXAMINER		DATE CONSIDERED
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*EXAMINER	Initial if reference considered, whether or not criteria is in confor	mance with MPEP 609. Draw line through citation if not in conformance and not

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	STATEMENT E	BY APPLICANT		Filing Date	9/12/2003
		149 (Modified)	_	First Named Inventor	Parminder Singh
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				Examiner Name	Isis A D Ghali
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				U.S. PATENT DOC	UMENTS	
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	153.	6,165,499		Kleinsorgen, et al.	12/26/2000	
	15 <u>4.</u>	6,193,993		Musashi, et al.	2/27/2001	
	155.	6,221,383		Miranda, et al.	4/24/2001	
	156.	6,231,885		Carrarra	5/15/2001	
	157.	6,248,363		Patel, et al.	6/19/2001	
	158.	6,264,981		Zhang, et al.	7/24/2001	
	159.	6,275,728		Venkatraman, et al.	8/14/2001	
	160.	6,312,670		Montgomery	11/6/01	
	161.	6,316,022		Mantelle, et al.	11/13/2001	
	162.	6,329,472	<b>_</b>	Kim, et al.	12/11/2001	
	163.	6,419,905		Alvarez	7/16/02	
	164.	6,451,240	ļ	Sherman, et al.	9/17/2002	
	165.	6,451,777		Bradbury, et al.	9/17/2002	
	166.	6,461,636		Arth, et al.	10/8/2002	
	167.	6,488,913		Orlowski, et al.	12/3/2002	
	168.	6,517,350		Diasti, et al.	2/11/03	
	169.	6,552,147	ļ	Parker, et al.	4/22/2003	
	170.	6,558,654	<u> </u>	McLaughlin	5/6/03	
	171.	6,576,712		Feldstein, et al.	6/10/2003	

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Examiner Initials*	Cite No.	U.S. Patent or A	Explication  Kind  Code  (if  known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
· ·	172.	6,591,124		Sherman, et al.	7/8/2003	
	173.	6,596,298		Leung, et al.	7/22/2003	
	174.	6,611,706	,	Avrahami, et al.	8/26/2003	
	175.	2001/0006677		Mcginty, et al.	7/5/2001	
	176.	2001/0021374		Montgomery	9/13/2001	
	177.	2001/0046471		Marek, et al.	11/29/2001	
	178.	2002/0048602		Flore, et al.	4/25/2002	
	179.	2002/0076487		Zajac	6/20/2002	
· · · · · · · · · · · · · · · · · · ·	180.	2002/0106335		Orlowski, et al.	8/8/2002	
	181.	2002/0131990		Barkalow, et al.	9/19/2002	
	182.	2002/0197284		Luo, et al.	12/26/2002	
	183.	2003/0055190		Parker, et al.	3/20/2003	
	184.	2003/0100654		Cheang, et al.	5/29/2003	
	185.	2003/0103427		Cleary, et al.	6/5/2003	
	186.	2003/0152615		Houze, et al.	8/14/2003	
<u></u>	187.	2003/0170308		Cleary, et al.	9/11/2003	
	188.	10/661,103		Singh, et al.	9/12/03	

EXAMINER	/Isis Ghali/	12/08/2010
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformation considered. Include copy of this form with next communication	mance with MPEP 609. Draw line through citation if not in conformance and not to application(s).

Receipt date: 08/30/2010	COMPLETE IF KNOWN 3 - GAU:				
	Application Number	10/661,103			
INFORMATION DISCLOSURE	Confirmation Number	6566			
STATEMENT BY APPLICANT	Filing Date	9/12/2003			
Form PTO-1449 (Modified)	First Named Inventor	Parminder Singh			
(Use several sheets if necessary)	Group Art Unit	1611			
	Examiner Name	Isis A D Ghali			

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	<u> </u>		FOF	REIGN	PATENT DOCUMENTS			
Exami ner Initials*	Cite No.	Fo		Code	Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
	189.	CA	2520986		Warner Lambert Co.	4/6/200		
	190.	DE	4219368	,	Lohman GMBH & Co. KG	6/12/1992		
	191.	DE	8509793		Allpack Industrielle Lohnverpackung GMBH & Co KG	5/15/1985		
	192.	EP	0184470		Medtronic Inc.	6/11/1986		
	193.	EP	0303445		Fordonal SA	2/15/1989		
	194.	EP	0364211		Sekisui Chemical Co. Ltd.	4/18/1990		ļ
	195	EP	0371421		Goodrich Co. B F	6/6/1990		
	196.	EP	0511782		Perio Products Ltd.	11/4/1992		
	197.	EP	0545594		Colgate Palmolive Co.			ļ
	198.	EP	0581581		Johnson & Johnson Consumer Inc.	2/2/1994		
	199.	EP	0672094		Minnesota Mining & Manufacturing	9/20/1995		
	200.	EP	0737477		Akzo Nobel N.V.	10/16/1996		ļ. <u>.</u>
	201.	EP	0838225		Viticain Pharmaceutical Co., Ltd.	4/29/1998		_
	202.	EP	0848960		Roehm GBH	6/24/1998		
	203.	GB	1108837		Astra Pharma. Prod.	4/3/1968		
	204.	JР	03-066612		Sato Pharm., Co., Ltd.	3/22/1991		
	205.	JP	03-275619		Nissui Seiyaku Co.	6/12/1991		
	206.	JP	04-266818		Sekisuki Chemical Co., Ltd.	9/22/1992		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER /Isis Ghali/ DATE CONSIDERED 12/08/2010

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COMPLETE IF KNOWN - GAU: 1611 Receipt date: 08/30/2010 10/661,103 **Application Number** INFORMATION DISCLOSURE 6566 **Confirmation Number** STATEMENT BY APPLICANT 9/12/2003 Filing Date Form PTO-1449 (Modified) First Named Inventor Parminder Singh (Use several sheets if necessary) 1611 **Group Art Unit** Isis A D Ghali **Examiner Name** 

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			F	OREIGN	PATENT DOCUMENTS			
Exami ner		Foreign Patent or Application  Kind Code Office NUMBER (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т	
	207.	JP	06-100467		Johnson & Johnson Consumer Inc.	4/12/1994		
	208.	JP	58-162681		Vallylab, Inc.	9/27/1983		
	209.	JP	59-196817		Sekisui Chemical Co., Ltd.	11/8/1984		
	210.	JP	2002-029949		Lion Corp.	1/29/2002		
	211.	SU	1459215 with English Translation		Vsesoyuznyj Nii Biotechnologii	11/20/1995		
	212.	PCT	WO 89/003859 with English Translation		Vsesojuzny Nauchno- Issledovatelsky Institut Biotek	5/5/1989		
	213.	PCT	WO 93/002717		Smith & Nephew PLC Richardson	2/18/1993		
	214.	PCT	WO 96/019205		Theratech, Inc.	6/27/1996		
	215.	PCT	WO 97/011676		Montgomery	4/3/1997		
	216.	PCT	WO 98/037870		Cygnus, Inc.	9/3/1998		
	217.	PCT	WO 98/055044		The Procter & Gamble Co.	12/10/1998		
	218.	PCT	WO 99/017738		Lavipharm Lab, Inc.	4/15/1999		
	219.	PCT	WO 99/044678		Spectrix, Inc.	9/10/1999		
	220.	РСТ	WO 99/047128		Bristol - Myers Squibb, Co.	9/23/1999		
	221.	PCT	WO 99/054422		Coloplast A/S	10/28/1999		
	222.	PCT	WO 00/016725		Laboratories D'Hygeine et de Dietetique	3/30/2000		
	223.	PCT	WO 00/069421		Schwarz Pharma AG	11/23/2000		

EXAMINER DATE CONSIDERED

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\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not

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				Application Number	10/661,103		
		DISCLOSURE		Confirmation Number	6566		
	STATEMENT E	BY APPLICANT		Filing Date	9/12/2003		
		149 (Modified)		First Named Inventor	Parminder Singh		
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				Examiner Name	Isis A D Ghali		
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			·	FOREIGN	PATENT DOCUMENTS			
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ner Initials*	Cite No.	Office	NUMBER	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document	or Relevant Figures Appear	T
	224.	PCT	WO 01/026637		LTS Lohmann Therapie-Systeme AG	4/19/2001		
	225.	PCT	WO 01/087276		Samyang Corp.	11/22/2001	175017	
	226.	PCT	WO 02/004570		A.V. Topchiev Institute of Petrochemical Synthesis	1/17/2002		
	227.	PCT	WO 02/087642		A.V. Topchiev Institute of Petrochemical Synthesis	11/7/2002		
	228.	PCT	WO 02/089849		Corium International	11/14/2002		
	229.	PCT	WO 03/089046		Cyto Pulse Sciences, Inc.	10/30/2004		

	- <del></del>	OTHER NON PATENT LITERATURE DOCUMENTS	
Exami ner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	т
	230.	AUBIN, ET AL., "Analysis of the glass transition temperature of miscible polymer blends", Macromolecules, Vol. 21, pp. 2945-2949, (1988)	
	231.	BAIRAMOV, ET AL., "Kinetic parameters of poly(N-vinyl pyrrolidone) spontaneous mixing with short-chain poly(ethylene glycol)", Polym. Mater. Sci. Eng., Vol. 82, pp. 7-8, (2000)	
	232.	BORODULINA, ET AL. "Viscoelasticity of Pressure-sensitive adhesive and bioadhesive hydrogels under compressive load", Proceed. 24th Annual Meeting Adhesion Soc., pp. 147-149, (2001)	
	233.	CHALYKH, ET AL., "Effects of composition and hydration on adhesive properties of poly(N-vinyl pyrrolidone)-poly(ethylene glycol) hydrogels", Polym. Mater. Sci. Eng., Vol. 81, pp. 456-457, (1999)	
	234.	CHALYKH, ET AL., "Fracture mechanics of poly( <i>N</i> -vinyl pyrrolidone)-poly(ethylene glycol) hydrogel adhesive joints," Polym. Mater. Sci. Eng., Vol. 81, pp. 427-428, (1999)	
	235.	CHALYKH, ET AL., "Pressure-sensitive adhesion in the blends of poly( <i>N</i> -vinyl pyrrolidone) and poly(ethylene glycol) of disparate chain lengths," J. Adhesion, Vol. 78, pp. 667-694, (2002)	

EXAMINER		DATE CONSIDERED
	/Isis Ghali/	12/08/2010
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformation in considered. Include conv. of this form with next communication to	nance with MPEP 609. Draw line through citation if not in conformance and not o application(s).

Receipt date	e: 08/30/201	0		COMPLETE IF KNOWN 3 - GAU. 16			
				Application Number	10/661,103		
	INFORMATION			Confirmation Number	6566		
	STATEMENT E	BY APPLICANT		Filing Date	9/12/2003		
	Form PTO-14	, ,		First Named Inventor	Parminder Singh		
	(Use several she	ets if necessary	)	Group Art Unit	1611		
1				Examiner Name	Isis A D Ghali		
Sheet	14	of	17	Attorney Docket No.	68009-8008.US03 (0008.22)		

		OTHER NON PATENT LITERATURE DOCUMENTS	
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	236.	CLEARY, ET. AL., "A new polymer blend adhesive with combined properties to adhere to either skin or mucosa for drug delivery, podium abstract, 30th Annual Meeting and Exposition of the Controlled Release Society, Glasgow, Scotland, 19-23 July, 2003, Abstract #123	
	237.	Database WPI Section Ch, Week 198451, Derwent Publications Ltd., London, GB; Class A96, AN 1984-315114 & JP 59196817 A (Sekisuki Chem Ind Co Ltd) 8 November 1984 (1984-11-08) abstract	
	238.	Database WPI Section Ch, Week 199150, Derwent Publications Ltd., London, GB; Class A18, AN 1991-366353 & JP 03247334 A (Sumitomo Rubber Ind Ltd) 5 November 1991 (1991-11-05) abstract	
	239.	Database WPI Section Ch, Week 199118, Derwent Publications Ltd., London, GB; Class A96, AN 1991- 128478 & JP 03066612 A (Sato Pharm Co Ltd) 22 March 1991 (1991-03-22) abstract	
	240.	Database WPI Section Ch, Week 199627, Derwent Publications Ltd., London, GB; Class A14, AN 1996- 266746 & SU 1459215 A ( A Med Cardiology Res Centre) 20 November 1995 (1995-11-20) abstract	
no da	ate	   Emia Cream, (ildocalne 2:5% and prilocalne 2:5%), EMLA Anesthetic Disc, (lidocaine 2:5% and prilocaine	
	241.	2.5% cream), Topical adhesive system, Detailed description:	Ŀ
	242.	FELDSTEIN, ET AL., "A structure - property relationship and quantitative approach to the development of universal transdermal drug delivery system," NBC Risks, Vol. 25, pp. 441-458, (1999)	
	243.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly(N-vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 1. Interrelations among the temperatures of melting, maximum cold crystallization rate and glass transition", Polymer, Vol. 41, pp. 5327-5338, (2000)	
	244.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly(N-vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 2. The temperature of maximum with a system of the compatible blends: 2. The temperature of maximum with a system of the compatible blends: 2. The temperature of maximum with a system of the compatible blends: 2. The temperature of maximum with a system of the compatible blends: 2. The temperature of maximum with a system of the compatible blends: 2. The temperature of the compatible blen	
	245.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly( <i>N</i> -vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 3. Impact of sorbed water upon phase behavior", Polymer, Vol. 41, pp. 5439-5359, (2000)	
	246.	FELDSTEIN, ET AL., "Correlations between activation energy for debonding and that for self-diffusion in pressure-sensitive hydrogels", Proceed. 24th Annual Meeting Adhesion Soc., pp. 137-140, (2001)	
	247.	FELDSTEIN, ET AL., "Contribution of molecular mobility to debonding of pressure-sensitive adhesive hydrogels", Polym. Mater. Sci. Eng., Vol. 81, pp. 467-468, (1999)	

EXAMINER	/Isis Ghali/	12/08/2010
*EXAMINER:	·	mance with MPEP 609. Draw line through citation if not in conformance and not
	considered. Include copy of this form with next communication	to application(s).

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					Application Number	10/661,103		
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	STATEMENT BY APPLICANT Form PTO-1449 (Modified)				Filing Date	9/12/2003		
Ì					First Named Inventor	Parminder Singh		
		(Use several she	ets if necessary	)	Group Art Unit	1611		
					Examiner Name	Isis A D Ghali		
Г	Sheet	15	of	17	Attorney Docket No.	68009-8008.US03 (0008.22)		

		OTHER NON PATENT LITERATURE DOCUMENTS	
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	248.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: I. The matrix hydration <i>In Vivo</i> and <i>In Vitro</i> ", Prediction of Percutaneous Penetration, Vol. 4b, pp. 61-64, Brian, et al., (Eds.) (1996)	
	249.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: II. <i>In Vitro</i> cytosine Delivery From Cypercuten TTS", Prediction of Percutaneous Penetration, Vol. 4b, pp.65-67, Brian, et al., (Eds.) (1996)	
	250.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: III. <i>In Vitro</i> clonide delivery from clopercuten TTS", Prediction of Percutaneous Penetration, Vol. 4b, pp. 68-70, Brian, et al., (Eds.) (1996)	
<u>.</u>	251.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: IV. <i>In Vitro</i> - <i>In Vivo</i> correlation," Prediction of Percutaneous Penetration, Vol. 4b, pp. 71-73, Brian, et al., (eds.) (1996)	
	252.	FELDSTEIN, ET AL., "Effects of chains orientation, free volume and interaction on glass transition in poly( <i>N</i> -vinyl pyrrolidone) - poly(ethylene glycol) blends involving a stoichiometric hydrogen-bonded network complex", Polym. Mater. Sci. Eng., Vol. 82, pp. 365-366, (2000)	
	253.	FELDSTEIN, ET AL., "General approach to the molecular design of hydrophilic pressure-sensitive adhesives," Proc. 25th Ann. Mtg. and 2nd World Congress on Adhesion and Related Phenomena, Orlando, FL, Vol. 1, pp.292-294 (2002)	:
	254.	FELDSTEIN, ET AL., "Molecular insight into rheologival and diffusion determinants of pressure sensitive adhesion", Proceed. 23rd Annual Meeting Adhesion Soc., pp54-56, (2000)	
	255.	FELDSTEIN, ET AL., "Peculiarities of glass transition temperature relation to the composition of poly( <i>N</i> -vinyl pyrolidone) blends with short chain poly(ethylene glycol)", Polymer, Vol. 42, pp. 7719-7726, (2001)	
	256.	FELDSTEIN, ET AL., "Quantitative relationship between molecular structure and adhesion of PVP-PEG hydrogels", Polym. Mater. Sci Eng., Vol. 81, pp. 465-466, (1999)	
	257.	FELDSTEIN, ET AL., "Relation of glass transition temperature to the hydrogen bonding degree and energy in poly( <i>N</i> -vinyl pyrrolidone) blends with hydroxyl-containing plasticizers: 2. Effects of poly(ethylene glycol) chain length", Polymer, Vol. 42, pp.981-990, (2001)	
	258.	FELDSTEIN, ET AL., "Universal hydrophilic drug-containing adhesive matrix for systemic and topical transdermal drug delivery", Proc. 1st World Meeting APGI/APV, Budapest, 9/11, 2 pages, (1995)	

EXAMINER	/Isis Ghali/	<b>DATE CONSIDERED</b> 12/08/2010
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformation in the considered. Include copy of this form with next communication to	nance with MPEP 609. Draw line through citation if not in conformance and not o application(s).

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	<del> </del>	OTHER NON PATENT LITERATURE DOCUMENTS	
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	259.	Handbook of Pharmaceutical Excipients, Arther H. Kibbe, ed., 3rd ed., pp. 401-406, (2000)	
	260.	Hawley's Condensed Chemical Dictionary, 14th Edition, Citation, "Oligomer, A polymer molecule of only a few monomer units (dimer, trimer tetramer)", John Wiley and Sons, Inc., (2002)	
	261.	International Search Report for PCT/US2000/18557 mailed 10/17/2000	ļ
	262.	International Search Report for PCT/US2001/21417 mailed 2/25/2002	
	263.	International Search Report for PCT/US2002/13680 mailed 9/18/2002	
	264.	International Search Report for PCT/US2002/14260 Mailed 9/17/2002	
	265.	International Search Report for PCT/US2002/14725 mailed 9/27/2002	
	266.	International Search Report for PCT/US2003/16408 Mailed 12/8/2003	
	267.	KOTOMIN, ET AL., "Squeeze-recoil analysis of adhesive hydrogels and elastomers", Polym. Mater. Sci. Eng., Vol. 81, pp. 425-426, (1999)	
no d	***************************************	KOTOMN, ET AL., 'Durability and fracture of some visceolastic adhesives,' Preceded. Of The 23rd Annual	
	268	Meeting Of The Adhesion Soc., pp. 413-415; (21000)	_
	269.	MSDS (Material Safety Data Sheet), Lactic Acid, No. L0522, (2008)	
	270.	Patent Abstracts of Japan, vol. 017, no. 055 (C-l023) 3 February 1993 (1993-02-03) & JP 04 266818 A (Sekisui Chem Co Ltd), 22 September 1992 (1992-09-22) abstract	
	271.	ROOS, ET AL., ""Probe tack investigation of poly(vinyl pyrrolidone)-poly(ethylene glycol) blends", Proceed. 24th Annual Meeting Adhesion Soc., pp. 277-279, (2001)	
	272.	SINTOV, ET AL., "Radiofrequency-driven skin microchanneling as a new way for electrically assisted transdermal delivery of hydrophilic drugs", J. Contr.Release, Vol. 89, pp. 311-320, (2003)	
	273.	VARTAPIAN, ET AL., "Self-diffusion in poly( <i>N</i> -vinyl pyrrolidone)-poly(ethylene glycol) systems", Colloid Polym. Sci., Vol. 279, pp. 532-538, (2001)	

EXAMINER	/Isis Ghali/	DATE CONSIDERED 12/08/2010
*EXAMINER:	Initial if reference considered, whether or not criteria is in confor considered. Include copy of this form with next communication	mance with MPEP 609. Draw line through citation if not in conformance and not to application(s).

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	STATEMENT E	BY APPLICANT		Filing Date	9/12/2003
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		OTHER NON PATENT LITERATURE DOCUMENTS	
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	274.	VARTAPIAN, ET AL., "Molecular dynamics in poly( <i>N</i> -vinyl pyrrolidone)-poly(ethylene glycol) blends by pulsed-field gradient NMR method: effects of aging, hydration and PEG chain length", Macromol. Chem. Phys., Vol. 202, pp. 2648-2652, (2001)	

EXAMINER	/Isis Ghali/	<b>DATE CONSIDERED</b> 12/08/2010	
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